

WDU 240 BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Version	Feed-through terminal, Screw connection, 240 mm ² , 1000 V, 415 A, blue
Order No.	1822210000
Type	WDU 240 BL
GTIN (EAN)	4032248326969
Qty.	2 pc(s).

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Technical data

Dimensions and weights

Depth	123.7 mm	Depth (inches)	4.87 inch
Depth including DIN rail	124 mm	Height	100 mm
Height (inches)	3.937 inch	Width	36 mm
Width (inches)	1.417 inch	Net weight	498.5 g

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	KEMA01ATEX2186U	Max. voltage (ATEX)	1100 V
Current (ATEX)	350 A	Wire cross section max. (ATEX)	240 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
			Ex e II
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, for screwable cross-connection, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 32, TS 35	N-function	Yes
PE function	No	PEN function	Yes

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, stranded, two clampable wires, max.	95 mm ²	Cross-section for connected wire, stranded, two clampable wires, min.	35 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	50 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	35 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	50 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	95 mm ²

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Technical data

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	closed	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	213329	Current size C (CSA)	400 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	500 kcmil
Wire cross section min. (CSA)	0 AWG		

Conductors for clamping (rated connection)

Blade size	S8 (DIN 6911)			
Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	70 mm ²	
		max.	240 mm ²	
		nominal	240 mm ²	
	wire end ferrule	Stripping length	min.	40 mm
			max.	40 mm
			nominal	40 mm
		Tightening torque	min.	25 Nm
			max.	30 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	70 mm ²	
		max.	240 mm ²	
		nominal	240 mm ²	
	wire end ferrule	Stripping length	min.	40 mm
			max.	40 mm
			nominal	40 mm
		Tightening torque	min.	25 Nm
			max.	30 Nm
		Recommended wire-end ferrule		
Clamping range, max.	240 mm ²			
Clamping range, min.	70 mm ²			
Clamping screw	M 10			
Connection cross-section, stranded, max.	240 mm ²			
Connection cross-section, stranded, min.	70 mm ²			
Connection direction	on side			
Gauge to IEC 60947-1	B15			
Number of connections	2			
Stripping length	40 mm			
Tightening torque, max.	30 Nm			
Tightening torque, min.	25 Nm			
Type of connection	Screw connection			
Wire connection cross section, finely stranded, max.	240 mm ²			
Wire connection cross section, finely stranded, min.	70 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	185 mm ²			

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 70 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 185 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 70 mm²

General

Rail	TS 32, TS 35	Standards	IEC 60947-7-1
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Rating data

Rated cross-section	240 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V DC	Rated current	415 A
Current at maximum wires	415 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.08 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	13.28 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E175455	Current size C (UR)	380 A
Voltage size C (UR)	600 V	Wire cross section max. (UR)	500 kcmil

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E175455

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Technical data

Downloads

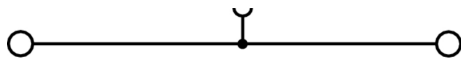
Approval/Certificate/Document of Conformity	Attestation of Conformity
	CB Testreport
	CB Certificate
	ATEX Certificate
	EAC certificate
	EAC EX Certificate
	CE Declaration of Conformity
	CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Cross Connection Guide
	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



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Accessories

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 12/5 MC NE WS	Version
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 pc(s).	

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/1	Version
Order No.	1059000000	W-Series, End bracket
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	

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Accessories

WS 12/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	WS 12/5 MM WS	Version
Order No.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 pc(s).	

WQB



Power feed-in

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	WQB 240/2	Version
Order No.	1802790000	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4032248313730	
Qty.	5 pc(s).	
Type	WQB 240/3	Version
Order No.	1802800000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4032248313747	
Qty.	5 pc(s).	

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The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[1822210000](#)